

FORM PTO-1390 (REV. 07-2005)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <div style="text-align: center; font-weight: bold;">187806/US</div>	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/579288</div>	
INTERNATIONAL APPLICATION NO. <div style="text-align: center; font-weight: bold;">PCT/CN2003/000968</div>		INTERNATIONAL FILING DATE <div style="text-align: center; font-weight: bold;">14 November 2003 (14.11.2003)</div>		PRIORITY DATE CLAIMED <div style="text-align: center; font-weight: bold;">14 November 2003 (14.11.2003)</div>	
TITLE OF INVENTION THE DERIVATIVES OF PYRIDONE AND THE OSE OF THEM					
APPLICANT(S) FOR DO/EO/US XIANGHUI YI					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other					
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> had been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 					
Items 11 to 20. below concern document(s) or information included:					
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4) 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: 					
Return Postcard					

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) <div style="font-size: 1.2em; font-weight: bold;">10/579288</div>		INTERNATIONAL APPLICATION NO. <div style="font-weight: bold;">PCT/CN2003/000968</div>		ATTORNEY'S DOCKET NUMBER <div style="font-weight: bold;">187806/US</div>																	
21. The following fees have been submitted: <input checked="" type="checkbox"/> a) Basic national fee (37 CFR 1.492(a))..... \$300.00				CALCULATIONS	PTO USE ONLY																
				\$ 300.00																	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)--4)..... \$0.00 All other situations..... \$200.00				\$ 200.00																	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)--4) \$0.00 Search fee (37 CFR 1.445(a)(2) has been paid on the international application to the USPTO as an International Searching Authority..... \$100.00 International Search Report prepared and provided to the Office \$400.00 All other situations \$500.00				\$ 500.00																	
TOTAL OF 21, 22 and 23 =				\$ 1000.00																	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. <table border="1" style="width:100%; border-collapse: collapse; margin-top: 5px;"> <tr> <th style="width:15%;">Total Sheets</th> <th style="width:15%;">Extra Sheets</th> <th style="width:35%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width:35%;">RATE</th> </tr> <tr> <td style="text-align: center;">6 - 100</td> <td style="text-align: center;">0 /50 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">x \$250.00</td> </tr> </table>				Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	6 - 100	0 /50 =	0	x \$250.00										
				Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE														
				6 - 100	0 /50 =	0	x \$250.00														
				Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$0													
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">CLAIMS</th> <th style="width:15%;">NUMBER FILED</th> <th style="width:15%;">NUMBER EXTRA</th> <th style="width:15%;">RATE</th> </tr> <tr> <td>Total claims</td> <td style="text-align: center;">7 -20 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">x \$50.00</td> </tr> <tr> <td>Independent claims</td> <td style="text-align: center;">2 -3 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">x \$200.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td style="text-align: center;">+ \$360.00</td> </tr> </table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	7 -20 =	0	x \$50.00	Independent claims	2 -3 =	0	x \$200.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$0	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																		
Total claims	7 -20 =	0	x \$50.00																		
Independent claims	2 -3 =	0	x \$200.00																		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00																		
TOTAL OF ABOVE CALCULATIONS =				\$1000.00																	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$500.00																	
SUBTOTAL =				\$500.00																	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$0																	
TOTAL NATIONAL FEE =				\$500.00																	
Fee for recording the enclose assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$0																	
TOTAL FEES ENCLOSED =				\$500.00																	
				Amount to be refunded:	\$																
				charged:	\$																

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold; text-align: center;">10/579288</div>	INTERNATIONAL APPLICATION NO. PCT/CN2003/000968	ATTORNEY'S DOCKET NUMBER 187806/US
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a. ☒ A check in the amount \$500.00 to cover the above fees is enclosed.
 of

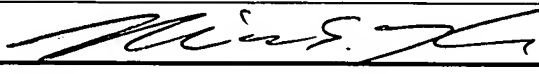
b. ☐ Please charge my Deposit Account No. 04-1420 in the amount of \$_____ to cover the above fees.
 A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to
 Deposit Account No. 04-1420 A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO: CUSTOMER NUMBER **25763**

Min (Amy) S. Xu Dorsey & Whitney LLP Intellectual Property Department Suite 1500 50 South Sixth Street Minneapolis, MN 55402-1498	<div style="text-align: center;">  <hr style="border: 0; border-top: 1px solid black;"/> Signature Min (Amy) S. Xu <hr style="border: 0; border-top: 1px solid black;"/> Name 39,536 <hr style="border: 0; border-top: 1px solid black;"/> Registration Number </div>
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10/579288

Attorney Docket No. 187806/US
Express Mail Label No. EV 808022247 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
1AP20 Rec'd PCT/PTO 15 MAY 2006

In re Patent Application of:

Xianghui Yi

Appln. No.: Not Yet Assigned

Filed: Herewith

For: THE DERIVATIVES OF PYRIDONE
AND THE USE OF THEM

Confirmation No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

CERTIFICATE OF MAILING BY EXPRESS MAIL

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned hereby certifies that the following documents:

1. Certificate of Mailing by Express Mail (2 pgs);
2. Transmittal Letter to the U.S. DO/EO/US Concerning a Filing under 35 U.S.C. § 371 (3 pgs);
3. Check in the amount of \$500.00 filing fee;
4. Application Data Sheet (1 pg);
5. Specification (13 pgs); Claims (2 pgs); Drawings (3 Sheets); Abstract (1 pg) (20 pgs total);
6. Copy of Int'l Pub. No. WO 2005/0047256 A1 and copy Int'l Search Report as filed in Chinese;
7. Preliminary Amendment (3 pgs.);
8. Executed Oath and Declaration (2 pages);
9. Executed Power of Attorney (1 page);

88/579288

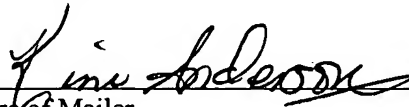
1AP20Rec'd PCT/PTO 15 MAY 2006

10. Submission under 37 C.F.R § 3.73(b) along with copy of Assignment (2 pgs);
11. Information Disclosure Statement along with PTO Form SB/08A and copies of necessary references; and
12. Return Postcard.

relating to the above application, were deposited as "Express Mail," Mailing Label No. EV 808022247 US with the United States Postal Service, addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 15th day of May, 2006

Kim Anderson

(Mailer)



Signature of Mailer

DORSEY & WHITNEY LLP

USPTO Customer No. 25763